

**● Product Picture/产品外观图片**

**● Features/产品特性描述**

1. Emitted Color/发光颜色: Pure White/正白、Warm White/暖白、Red/红、Yellow/黄、Blue/蓝、Green/绿.
2. Super energy saving and environmental protection/非常节能和环保.
3. Choices of luminous intensities for indoor application/选择的发光强度适合于室内应用.
4. Waterproof grade/防水等级:IP54.
5. High reliability and long life /高可靠性, 长寿命.

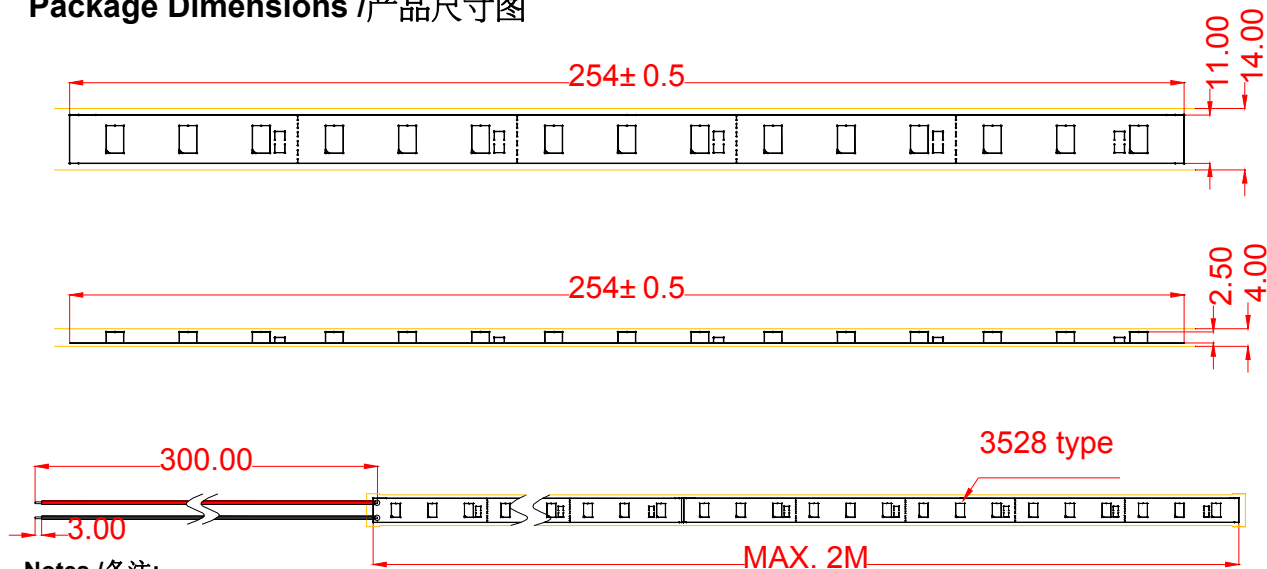
**● Absolute Maximum Ratings /产品的极限使用条件**

| Parameter /项目 Sy       | mbol /代码        | Rating /范围           |          |           | Unit |
|------------------------|-----------------|----------------------|----------|-----------|------|
|                        |                 | Min./最小值             | Typ./标准值 | Max./ 最大值 |      |
| Input Voltage DC /输入电压 | V <sub>in</sub> | 11                   | 12       | 12.5      | V    |
| Input Current DC/输入电流  | I(rms)          | 0.08                 | 0.1      | 0.12      | A    |
| Operating Tem./工作温度    | T <sub>a</sub>  | -25                  | 25       | 50        | °C   |
| Operating Hum./相对湿度    | H <sub>a</sub>  | 5%-95%(No Water/不结露) |          |           | -    |
| Storage Tem./存储温度      | T <sub>s</sub>  | -30~65               |          |           | °C   |

**● Electrical and optical characteristics (Ta=25°C) /产品的电气及光电参数**

| Parameter /项目           | Condition/条件         | Symbol /代码       | Min. /最小值 | Typ./标准值 | Max./ 最大值 | Unit |
|-------------------------|----------------------|------------------|-----------|----------|-----------|------|
| Power Dissipation /功率   | V <sub>in</sub> =12V | P <sub>d</sub>   | 1.0       | 1.2      | 1.5       | W    |
| Luminous Intensity/发光强度 | V <sub>in</sub> =12V | IV(P)            | 6.8       | 16.2     | -         | cd   |
|                         |                      | IV(W)            | 6.8       | 14.9     | -         | cd   |
|                         |                      | IV(R)            | 1.4       | 4.1      | -         | cd   |
|                         |                      | IV(Y)            | 1.4       | 4.1      | -         | cd   |
|                         |                      | IV(B)            | 1.4       | 2.4      | -         | cd   |
|                         |                      | IV(G)            | 5.3       | 10.5     | -         | cd   |
| Color Temperature /色温   | V <sub>in</sub> =12V | C.T.(P)          | 4000      | 6000     | 8000      | K    |
|                         |                      | C.T.(W)          | 3000      | 3500     | 4000      | K    |
|                         |                      | C.T.(R)          | 620       | 625      | 630       | nm   |
|                         |                      | C.T.(Y)          | 585       | 590      | 595       | nm   |
|                         |                      | C.T.(B)          | 465       | 470      | 475       | nm   |
|                         |                      | C.T.(G)          | 520       | 525      | 530       | nm   |
| Viewing Angle /发光角度     | V <sub>in</sub> =12V | θ <sub>1/2</sub> | -         | 120      | -         | Deg  |

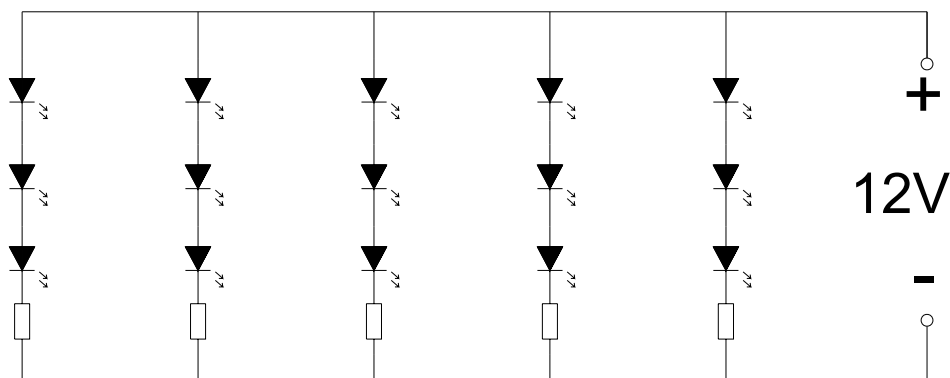
## ● Package Dimensions /产品尺寸图



### Notes /备注:

1. All dimensions are in millimeters. /所有的尺寸单位为 mm.
2. Tolerance is  $\pm 0.5$  mm unless otherwise specified. /默认的尺寸公差为 $\pm 0.5$  mm.
3. Specifications are subject to change without notice. /产品外形若有变更，恕不特别通知.

## ● Circuit Diagram/产品线路图



## ● Product Packaging Picture/产品包装图



212X212X1.4

one reel in the bag

1 卷/包



220X210X75

4 bags in the box

4 包/盒